

Title (en)  
METHOD AND COMPOSITION FOR IMPROVING GAS BARRIER PROPERTIES OF POLYMERIC CONTAINERS AND FILMS

Title (de)  
VERFAHREN UND ZUSAMMENSETZUNG ZUR VERBESSERUNG DER GASBARRIERENEIGENSCHAFTEN POLYMERER BEHÄLTER UND FILME

Title (fr)  
PROCEDE ET COMPOSITION PERMETTANT L'AMELIORATION DES PROPRIETES DE PROTECTION CONTRE LES GAZ DES CONTENEURS ET DES FILMS POLYMERIQUES

Publication  
**EP 1204563 B1 20060503 (EN)**

Application  
**EP 00955416 A 20000810**

Priority

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Abstract (en)  
[origin: WO0112521A1] A polymer composition and method for reducing the permeability of gases through molded polymeric containers and films by incorporating into the polymer from which the container or film is formed an effective amount of a barrier-enhancing additive, such as monoesters of hydroxybenzoic acid and hydroxynaphthoic acid.

IPC 8 full level  
**B65D 65/38** (2006.01); **C08J 3/20** (2006.01); **C08J 5/18** (2006.01); **C08K 5/00** (2006.01); **C08K 5/101** (2006.01); **C08K 5/134** (2006.01); **C08K 5/138** (2006.01); **C08K 5/20** (2006.01); **C08L 67/00** (2006.01); **C08L 67/02** (2006.01); **C08L 69/00** (2006.01); **C08L 79/08** (2006.01); **C08L 81/06** (2006.01); **C08L 101/00** (2006.01)

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**B65D 65/38** (2013.01 - EP US); **C08J 5/18** (2013.01 - KR); **C08K 5/0091** (2013.01 - EP US); **C08K 5/1345** (2013.01 - EP US); **C08K 5/138** (2013.01 - EP US); **C08K 5/20** (2013.01 - EP US); **C08K 2201/008** (2013.01 - EP US)

C-Set (source: EP US)

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**WO 0112521 A1 20010222**; AP 1458 A 20050930; AP 2002002394 A0 20020331; AR 025238 A1 20021113; AT E325048 T1 20060615; AU 6762700 A 20010313; BR 0013308 A 20020528; CA 2378235 A1 20010222; CN 1191972 C 20050309; CN 1368929 A 20020911; DE 60027726 D1 20060608; DE 60027726 T2 20070510; DK 1204563 T3 20060904; EA 005321 B1 20050224; EA 200200250 A1 20020829; EP 1204563 A1 20020515; EP 1204563 B1 20060503; ES 2262531 T3 20061201; IL 147523 A0 20020814; IL 147523 A 20080320; JP 2003526706 A 20030909; JP 4795592 B2 20111019; KR 100629823 B1 20060929; KR 20020029378 A 20020418; MX PA02001457 A 20020830; PT 1204563 E 20060731; TR 200200382 T2 20021021; US 6489386 B1 20021203

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